

**03050204-040**  
*(Dean Swamp Creek)*

**General Description**

Watershed 03050204-040 is located in Aiken and Orangeburg Counties and consists primarily of *Dean Swamp Creek* and its tributaries. The watershed occupies 41,074 acres of the Sandhills and Upper Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Fuquay-Troup-Ailey series. The erodibility of the soil (K) averages 0.12 and the slope of the terrain averages 7%, with a range of 0-25%. Land use/land cover in the watershed includes: 52.5% forested land, 30.5% agricultural land, 8.4% barren land, 6.9% forested wetland (swamp), 1.2% urban land, 0.4% water, and 0.1% nonforested wetland (marsh).

Dean Swamp Creek originates near the Town of Crossroads, and flows through several millponds before accepting drainage from Jordan Creek, Abrams Branch, and Bratcher Branch. Dean Swamp Creek then flows through Dean Swamp Pond (100 acres) and drains into the South Fork Edisto River. There are a total of 44.6 stream miles and 196.4 acres of lake waters in this watershed, all classified FW.

**Surface Water Quality**

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-107	W/INT	FW	DEAN SWAMP CREEK AT SC 4

*Dean Swamp Creek (E-107)* – Aquatic life and recreational uses are fully supported. A significant decreasing trend in turbidity suggests improving conditions for this parameter. This is a blackwater system, characterized by naturally low pH and dissolved oxygen concentration. Although pH excursions were noted, they were typical of values seen in such systems and considered natural, not standards violations.

**NPDES Program**

**Active NPDES Facilities**

<i>RECEIVING STREAM</i>	<i>NPDES#</i>
<i>FACILITY NAME</i>	<i>TYPE</i>
<i>PERMITTED FLOW @ PIPE (MGD)</i>	<i>COMMENT</i>
DEAN SWAMP CREEK TRIBUTARY	SC0026204
TOWN OF WAGENER	MINOR DOMESTIC
PIPE #: 001 FLOW: 0.13	

## Nonpoint Source Management Program

### *Land Disposal Activities*

#### Landfill Facilities

*LANDFILL NAME*  
*FACILITY TYPE*

*PERMIT #*  
*STATUS*

AIKEN COUNTY LANDFILL  
MUNICIPAL

021001-1101  
ACTIVE

### Growth Potential

There is a low potential for growth in this watershed, which contains portions of the Towns of Wagener, Perry, and Salley. Some industrial growth is possible due to the rail line that runs along the eastern edge of the watershed from the Town of Springfield to the Towns of Salley and Perry. However, there is a decreasing population trend in the towns located within this watershed.